

Microdisplay For Portable Communication Systems

Abstract

The invention relates to a microdisplay system that utilizes a small high resolution active matrix liquid crystal display with an illumination system and a magnifying optical system to provide a hand held communication display device. The system can employ an LED illumination system and cellular communication or processor circuits within a compact housing to provide communication devices such as pagers, telephones, televisions, and hand held computer devices with a compact high resolution video display.